# QUICK START GUIDE

## Cisco ME 3400E Ethernet Access Switch Power-Supply Modules

This document provides the high-level steps for installing the AC and the DC power-supply modules for the Cisco ME 3400E-24TS-M and the Cisco ME 3400EG-12CS-M switches. For the complete installation instructions, see the *Cisco ME 3400E Ethernet Access Switch Hardware Installation Guide* at this URL:

http://www.cisco.com/en/US/docs/switches/metro/me3400e/hardware/installation/guide/me3400e_hig.html

For a complete list of the safety warnings in the required languages, see the *Regulatory Compliance and Safety Information for the Cisco ME 3400E Switch* on the Documentation CD.

Observe these warnings when you install and power-on the power-supply module:

**Warning** **Do not reach into a vacant slot or chassis while you install or remove a module or a fan. Exposed circuitry could constitute an energy hazard.** Statement 206

**Warning** **Do not work on the system or connect or disconnect cables during periods of lightning activity.** Statement 1001

**Warning** **Only trained and qualified personnel should be allowed to install, replace, or service this equipment.** Statement 1030

For DC power-supply modules, observe these warnings:

**Warning** **An exposed wire lead from a DC-input power source can conduct harmful levels of electricity. Be sure that no exposed portion of the DC-input power source wire extends from the terminal block plug.** Statement 122

**Warning** **Before connecting or disconnecting ground or power wires to the chassis, ensure that power is removed from the DC circuit. To ensure that all power is OFF, locate the circuit breaker on the panel board that services the DC circuit, switch the circuit breaker to the OFF position, and tape the switch handle of the circuit breaker in the OFF position. Use a voltmeter to test for 0 (zero) voltage at the power terminals on the chassis.** Statement 196

**Warning** **This product relies on the building's installation for short-circuit (overcurrent) protection. Ensure that the protective device is rated not greater than: 5 A.** Statement 1005

**Warning** **A readily accessible two-poled disconnect device must be incorporated in the fixed wiring.** Statement 1022

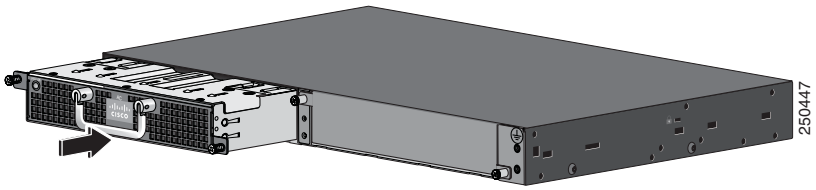
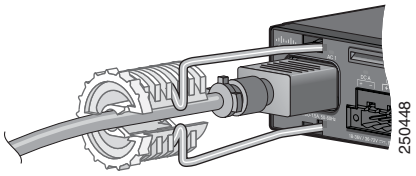
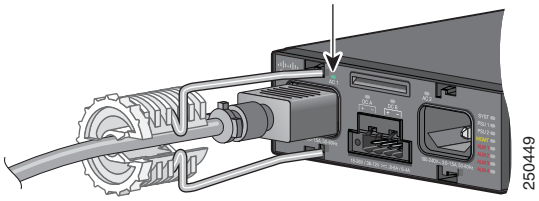
For all power-supply modules, review these caution statements:

**Caution** To prevent overheating and to maintain proper air flow, either an AC or a DC power-supply module or a module blank should be installed in both power-supply module slots at all times.

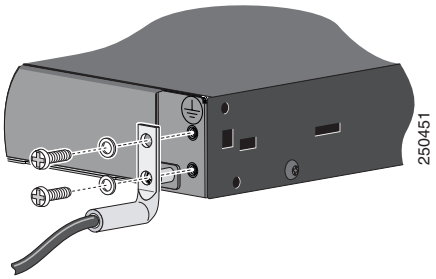
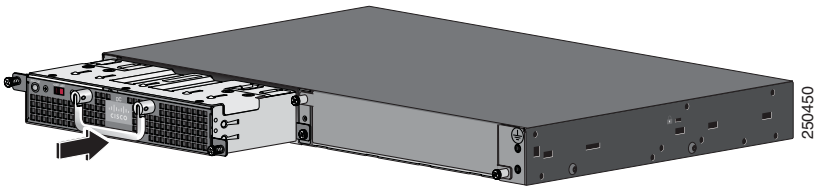
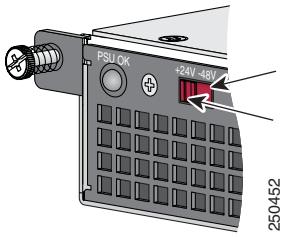
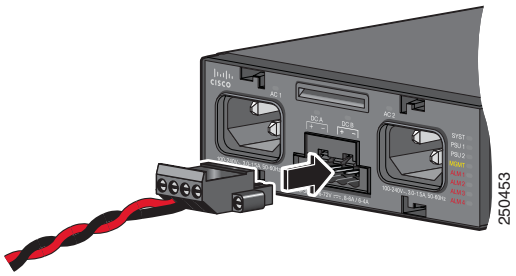
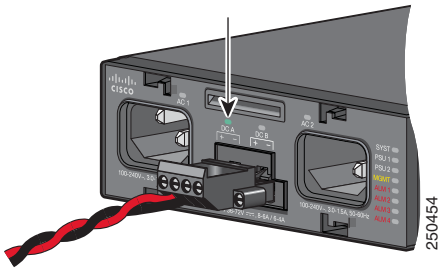
**Note** Before you install the AC or DC power-supply module, turn off the power supply at its source.

The power-supply module slots are on the switch rear panel, and the power connectors are on the front panel.

## Install the AC Power-Supply Module

| | | |
|---|---|---|
| **Step 1** | Insert the power-supply module in the slot on the switch rear panel, and align and tighten the retainer screws. |  250447 |
| **Step 2** | Connect the AC power cord to the AC power input. Secure with the retainer clip and the bushing. |  250448 |
| **Step 3** | Turn on power, and verify that the AC power-supply LED on the switch front panel is green. |  250449 |

## Install the DC Power-Supply Module

| | | |
|---|---|---|
| **Step 1** | Attach the ground lug to a ground wire (connected to a ground connection), and attach the ground lug to the switch rear panel. |  |
| **Step 2** | Insert the power-supply module in the rear-panel slot, and align and tighten the retainer screws. |  |
| **Step 3** | Set the DC voltage selector on the power-supply module:<br>• Telecom: –48 VDC<br>• Industrial: +24 VDC |  |
| **Step 4** | Use 16-gauge copper wire to connect the DC input power source and connect it to the DC power connector on the switch front panel. |  |
| **Step 5** | Turn on the power. | |
| **Step 6** | On the switch front panel, verify that the DC power-supply LED is green for that module. |  |
| **Step 7** | If installing only one power supply, enter this command to suppress alerts:<br>If installing two, no commands are needed. | `switch# no power-supply dual dc-feed`<br>`switch# end` |

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Amsterdam, The Netherlands

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Printed in China PRC

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78-18646-01